

ADVANCE PRESS PROOF
FROM FORTHCOMING 1965 CATALOG

NEW VISI-DIAL[®] **DELIVERY FROM STOCK**
STARTING JULY, 1964

DIGITAL READOUT AND 6 MIN.-OF-ARC



VISI-DIAL[®]

\$300

*Delivery
from Stock*

ACCURACY 0.1°

Precision gearing is used to assure present and future precision. Backlash is negligible.

DIGITAL READABILITY

Indicates clearly in degrees and minutes (six digits!)

SMALL SIZE

Occupies only 4 in. x 3½ in. of panel space and 2½ in. of behind-panel space.

PRECISE SET-ABILITY

36 turns of the vernier control produce one full revolution of the VISI-DIAL output shaft. This, combined with fine readability, makes angles of 30 sec.-of-arc easy to set and read.

TURNS HEAVY LOADS

VISI-DIAL will smoothly turn even ganged-potentiometers and geared encoders.

EASY TO INSTALL

Step 1: Plug your component into the VISI-DIAL. Mounting surfaces and flexible coupling are built-in to further mechanical rigidity and appearance.

Step 2: Plug the VISI-DIAL into your panel. There are absolutely no knobs, pointers, adaptors, or masks which must be handled separately.

EXCELLENT APPEARANCE

Enhance the appearance of any console with the VISI-DIAL. Even its rear-of-panel details are characterized by impeccable workmanship.

RUGGED

VISI-DIAL withstands the punishment of military equipment without affecting its operation or appearance. Construction and materials generally conform to military requirements.

ACCURACY IN ONLY 4 in. X 3½ in.

SPECIFICATIONS

Display	Degrees and minutes
Resolution	0.5 min.-of-arc
Accuracy	6 min.-of-arc
Vernier Ratio	36 to 1
Rotation	0° through 360°, continuous without stops
Rotation Sense	CCW rotation of output shaft (facing dial) produces positive, increasing readout angle.
Finish	Dull black; white markings

ORDERING INFORMATION

VISI-DIALS are manufactured to accept servo-mounted devices of the following description:

Housing Size

Choose one only: 8, 10, 11, 15, 18, 23, 25

Nominal Shaft Diameter

0.090, 0.120, 0.125, 0.1875, 0.2405, 0.250 in. dia.

When ordering, suffix both housing size and shaft diameter to the Model No. as in this example: Model V-11-.120 accommodates a Size 11 component with .120 in. dia. shaft.

Price Complete \$300 from stock*
Extra Flexible Couplings \$25 each from stock*
F.O.B. Saddle Brook, N. J.
Terms: Net 30 days
Shipping Weight 5 pounds approx.
Warranty 90 days

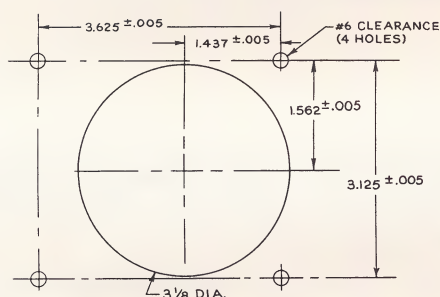
* Subject to prior sale.

CUSTOM MODIFICATIONS

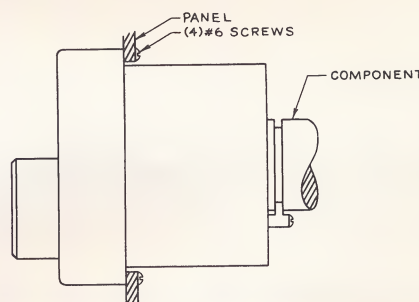
Coupling Size Precision flexible couplings to fit special shaft diameters are priced at \$35 each with a set-up charge of \$50 per order.

Special Finishes Many color and marking variations are available at moderate cost.

MOUNTING DETAILS

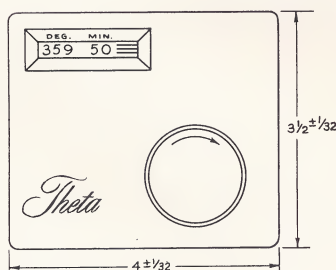


PANEL CUTOUT

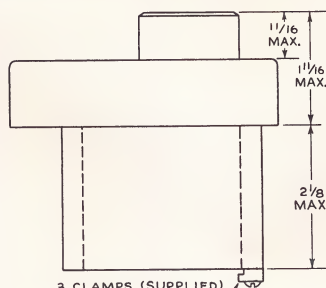


TYPICAL INSTALLATION

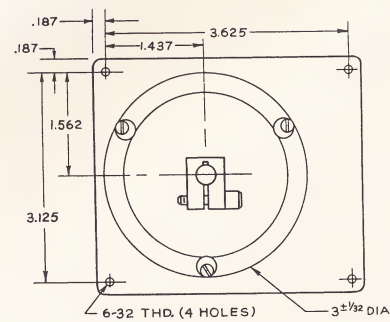
OUTLINE DRAWINGS



FRONT VIEW



SIDE VIEW



REAR VIEW

Theta

INSTRUMENT CORPORATION

**SADDLE BROOK
NEW JERSEY
07663**

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Telephone: (213) OL 6-1700
TWX: 213-655-5567
Regional Sales Manager:
Harold Steinberg

☐ **YES — TELL ME MORE ABOUT THETA DIALS**

**I PREFER
THESE DIAL
CHARACTERISTICS**

SIZE

☐ 4"x4" ☐ 1"x1"
☐ 2"x2" ☐ _____

ACCURACY

☐ 1° ☐ 6'
☐ 12' ☐ _____

SCALE

☐ 0-360° ☐ 0-100
☐ ±180° ☐ _____

VERNIER RATIO

☐ 10:1 ☐ 1000:1
☐ 100:1 ☐ _____

MY APPLICATION IS:

- | | |
|---------------------------------------|--|
| ☐ Current | ☐ For an expected application |
| ☐ For Proposal | ☐ For File |

Anything else we can do for you?

Can you suggest an associate interested in receiving Theta catalogs? Thank you.

Name _____ Title _____

Dept. or Mail Station _____

Company _____

Address _____

City _____ State _____

Telephone _____ Ext. _____

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Rochelle Park, N. J.

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